SI. No	Details of Activity
1.3	Fish hatcheries for raising adequate quality fingerlings
1.4	Fresh water prawn and *karimeen* urgent conservation measures RRS. Kum
Task 2	Promoting fishing infrastructure, capacity and fishermen welfare
2.1	Group based enterprise on ornamental fish culture
2.2	Cold storage facility for the fishing communities
2.3	Training and capacity building of fishermen and fingerlings
	production, improving sanitation and hygiene in processing units in Kuttanad
	B.I I Water tourism in Kuttanad and local ecology
Task 1	Infrastructure support to facilitate responsible tourism
1.2	Introduction and promotion of farm tourism involving farm families

Shrimp culture

37. SHRI C. RAMACHANDRAIAH: Will the Minister of AGRICULTURE be pleased to state:

(a) whether it is a fact that the Shrimp culture in Andhra Pradesh is being badly affected by the high mortality rate of tiger shrimp owing to changes in climatic conditions;

(b) if so, whether any relief measures like developing the domestic market, buying shrimp at minimum support price, providing seed for export variety fish such as groper and red Philadelphia to enable farmers to shift to pisciculture since it is safer than Shrimp culture are being taken;

(c) if so, the details thereof: and

(d) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI TASLIMUDDIN): (a) It is stated that shrimp culture is mainly affected on account of White Spot Disease and slow growth of shrimp due to adverse climatic conditions, such as fluctuation in temperature, unseasonal rains, etc. It is, however, reported that the mortality rate is not severe compared to earlier seasons.

(b) and (c) The following measures have been taken to enable the shrimp farmers to diversify the culture practices as well as for adopting Good Management Practices for the sustainable development of shrimp culture:

(i) Based on the findings of a Due Diligence Team, the National Fisheries Development Board (NFDB) has approved a proposal to set up a Multiplication Centre by availing technology from a Hawaiian firm to produce Specific Pathogen Free seeds of *P. monodon* for supply to the shrimp farmers.

(ii) Risk analysis/assessment study has been undertaken to study and advise the Government on the pros and cons of introducing exotic shrimp variety

and for suggesting a clear and well regulated mechanism for importation of stocks of such species.

(iii) Guidelines have been formulated under the rules framed under the Coastal Aquaculture Authority Act. 2005 for regulating coastal aquaculture to ensure sustainable development of shrimp aquaculture in the country.

(iv) The National Committee for Introduction of Exotic Aquatic Species in Indian waters has approved a few proposals to import hybrid *Tilapia* species for culture, as per the guidelines stipulated for this purpose.

(v) NFDB has introduced programmes for popularizing mariculture through adoption of appropriate technology as well as for enthusing the shrimp hatcheries to diversify into production of fin fish seed.

(vi) MPEDA is organizing demonstration programmes to popularize diversification of coastal aquaculture including culture of fin fish like sea bass, groupers, etc.

(d) Question does not arise.

Crop damage due to hailstorms and monsoon

38. DR. M.A.M. RAMASWAMY: Will the Minister of AGRICULTURE be pleased to state:

(a) whether Government are aware that gales, followed by rains and hailstorms, have caused extensive damage to farmers' crops in several States last month;

(b) if so, the details thereof;

(c) whether it is also a fact that the said rains and hailstorms have caused damage to life and livestocks; and

(d) if so, the details thereof, with support given/being given by Government to the farmers. State-wise and district-wise?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI KANTILAL BHUR1A): (a) to (d) The information is being collected and will be laid on the Table of the Sabha.

Supply of DAP fertilizers to Andhra Pradesh

39. SHRl C. RAMACHANDRAIAH: Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

(a) whether the supply of Di Ammonium Phosphate (DAP) would run into short in Andhra Pradesh during the kharif season due to shutting of two fertilizer companies in the south;

(b) if so, whether the steps taken to overcome the shortages include the import of fertilizers;

(c) whether the importing agencies will be able to tie up stocks and bring them in on time;

(d) if so, the details thereof; and